

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

Features

- ✓ Flame retardant.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

Product Construction

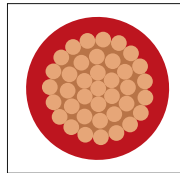
- ✓ Conductor : Standard Bare copper conductor, Asymmetrical Structure C.
- ✓ Insulation : Silicon rubber. (Reduced wall thickness).
- ✓ Color : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 200°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius : 5xCable OD.
- ✓ FL : Automotive cable.
- ✓ R : Reduced wall thickness.
- ✓ 2G : Silicone Rubber (SIR).
- ✓ Standard : ISO 19642-3.

Automotive Cables
FLR2G-C

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D22227XX	10.00	320	0.21	4.50	0.48	5.30	6.00	102	1.82	135	500
D222A11XX	12.00	380	0.21	5.40	0.48	5.80	6.50	128	1.52	153	500
D22228XX	16.00	512	0.21	6.30	0.52	6.40	7.20	168	1.16	181	500
D22256XX	20.00	610	0.21	6.90	0.52	7.00	7.80	203	0.955	205	500
D22256XX	25.00	790	0.21	7.80	0.52	7.90	8.70	242	0.743	239	500
D22230XX	30.00	900	0.22	8.30	0.64	8.70	9.60	291	0.647	257	500
D22257XX	35.00	1070	0.21	9.00	0.64	9.40	10.40	366	0.527	294	500
D22258XX	40.00	1200	0.21	9.60	0.71	10.00	11.10	397	0.473	315	500
D22234XX	50.00	1600	0.21	10.50	0.71	11.00	12.00	528	0.368	364	500

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

- ✓ * Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 200°C and ambient temperature of 40°C.
- ✓ ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.


www.siechem.com